

1 Attorney Docket No. 76315

3 HIGH-STRENGTH PARTS FORMED USING STEREOLITHOGRAPHY

5 ABSTRACT OF THE DISCLOSURE

6 High-strength parts are produced by first performing a
7 stereolithography part generation process to create a polymer
8 part having opposing interior surfaces. An uncured strength
9 material is interposed between the opposing interior surfaces of
10 the polymer part. The polymer part with the uncured strength
11 material is then heated. The strength material is chosen to bond
12 to the opposing interior surfaces during the heating step.